



Intel NUC8i7BEH Disassembly

Disassembly of an Intel NUC NUC8i7BEH

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INTRODUCTION

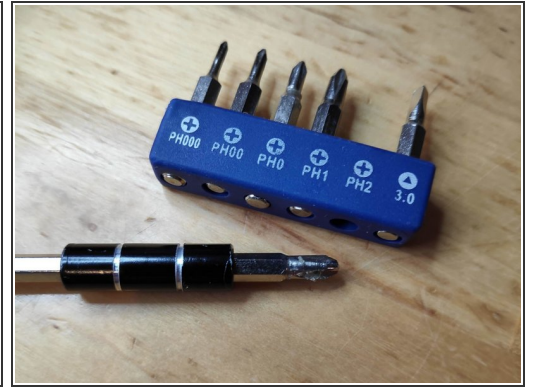
This guide will provide information on how to disassemble an Intel NUC8i7BEH or similar.



TOOLS:

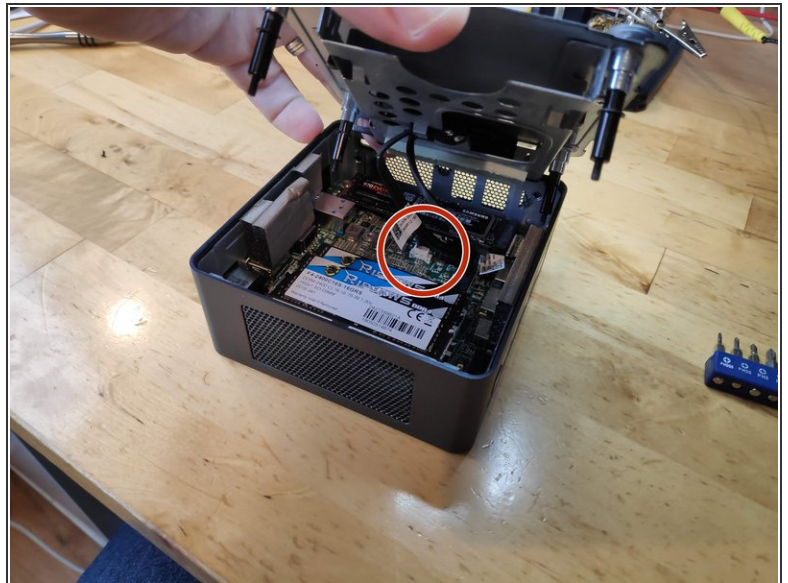
- [Phillips #0 Screwdriver](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Phillips #2 Screwdriver](#) (1)
-

Step 1 — Turn NUC upside down



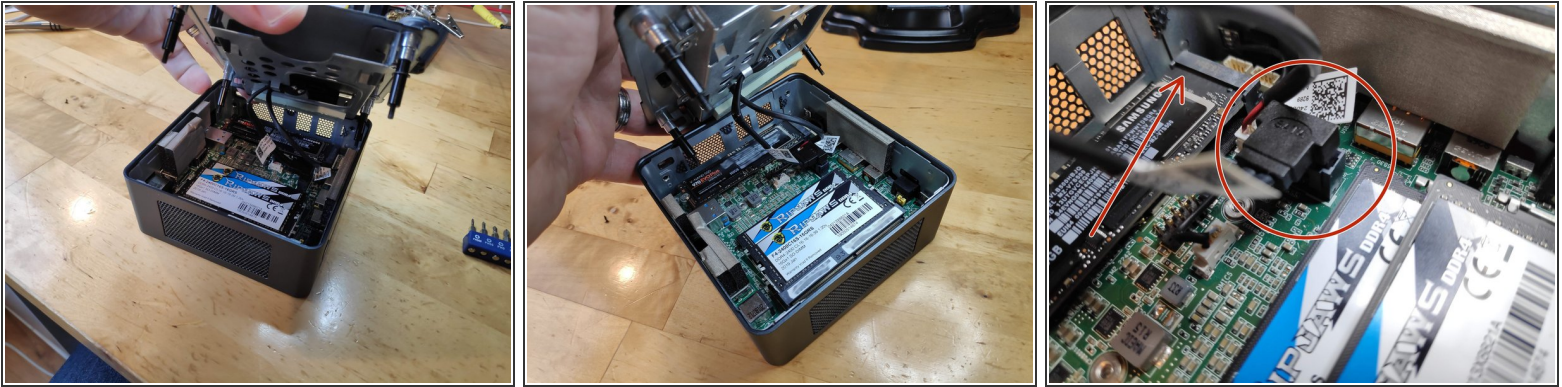
- Place the NUC upside down and select a PH2 Phillips screw driver bit

Step 2 — Unscrew lower lid



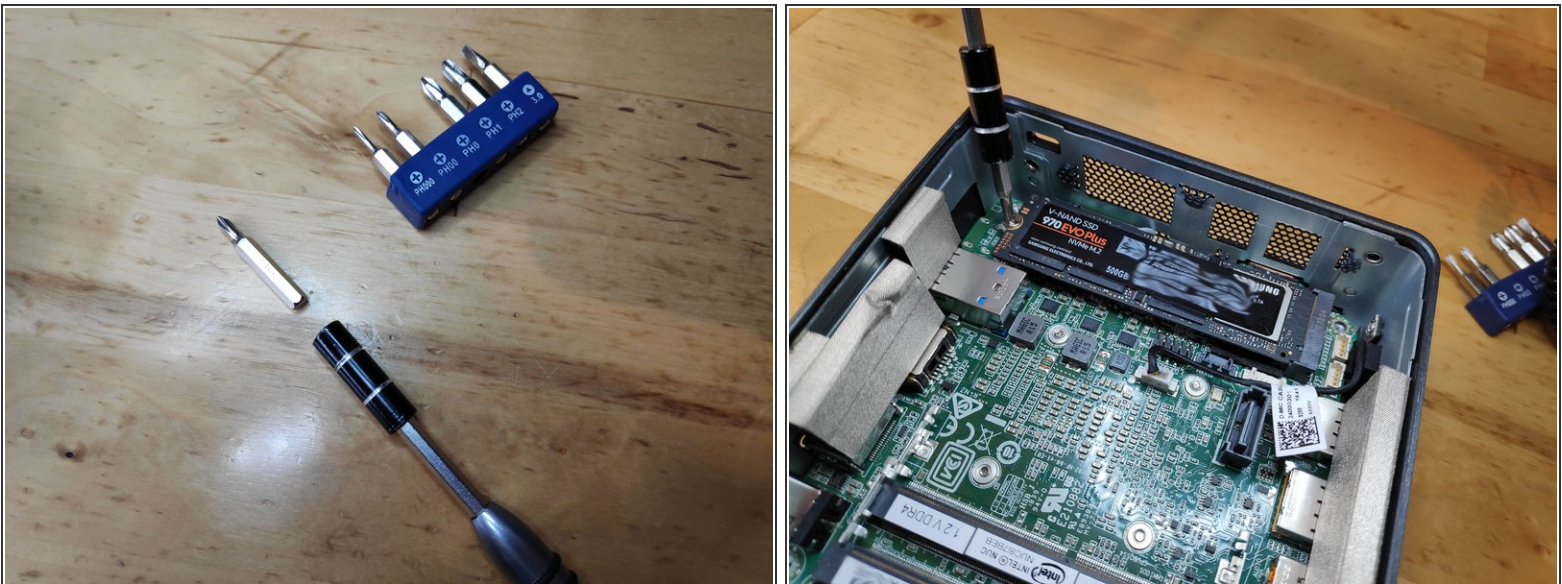
- Start by using a Phillips head #2 screw driver to remove the lower screws on the lower case door.
- These screws are held in with retainers, so they won't fall out when you flip the lid.

Step 3 — Lid and HDD Bracket



- Lift the door, and keep an eye on the cables that connect to the NUC's motherboard. These cables are the power and data cables for the 2.5" hard drive bay.
- Carefully unplug the cables from the motherboard, and set the bracket aside.
- In the last photo, the slot for a blade SSD is marked with a red arrow. This is where you would install the blade SSD, and use a screw to hold it in place.

Step 4 — SSD removal



- Change the screw driver bit to the PH1 one.
- Unscrew the V-NAND SSD and carefully slide it out of its connector.

Step 5 — SSD removal (video)



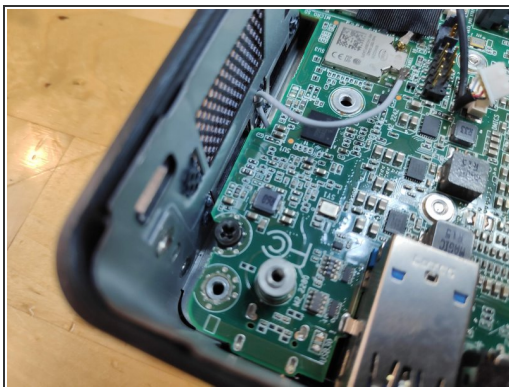
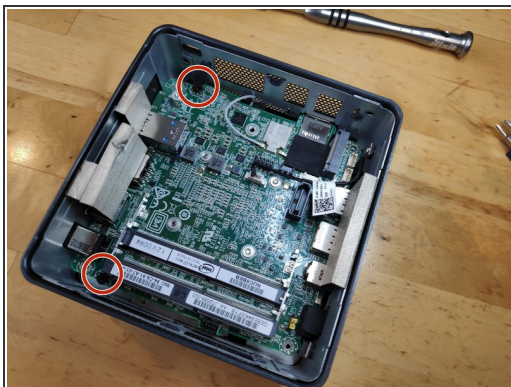
- Previous step as video

Step 6 — Motherboard Removal (Screw driver)



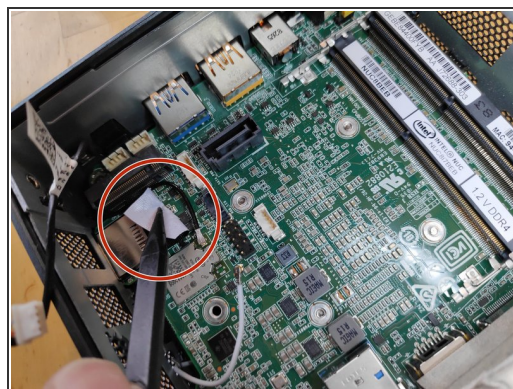
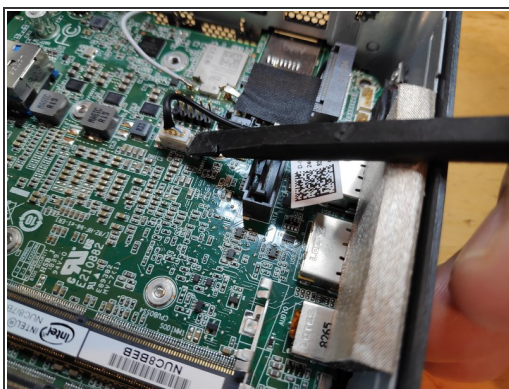
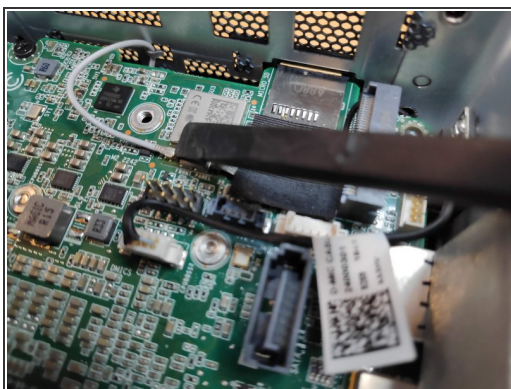
- Change the screw driver bit to PH1

Step 7 — Motherboard Removal



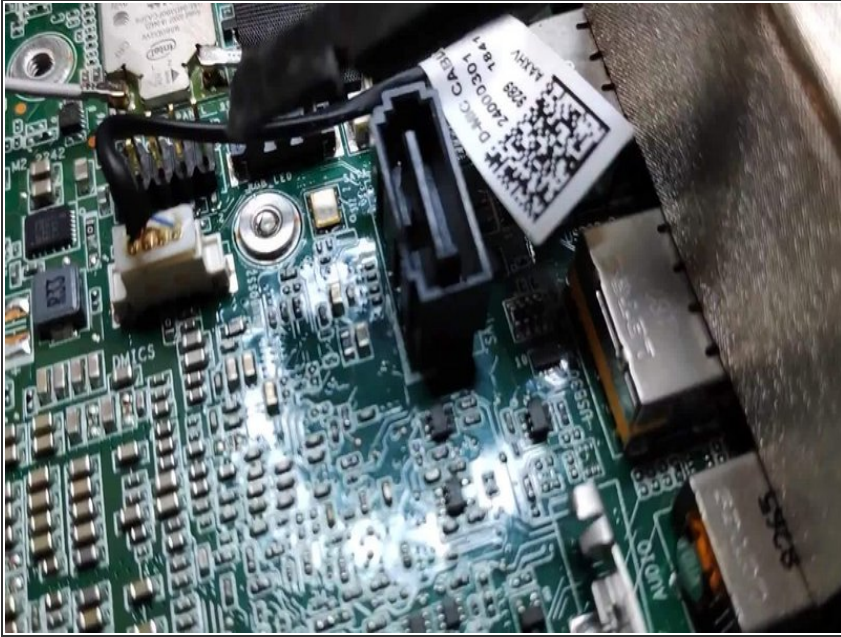
- Unscrew the screws marked in red circles

Step 8 — Motherboard Removal, continued.



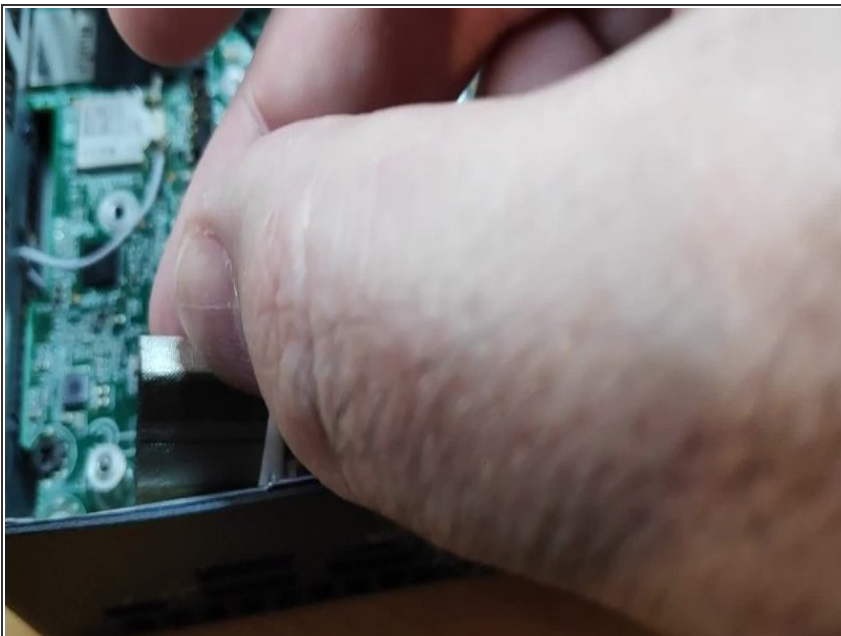
- Remove the WiFi and Bluetooth antenna cables (be extremely careful when doing this otherwise you risk to rip the base contact terminal off the PCB)
- Remove the stereo mic cable from the motherboard connector.
- Pay attention to the WiFi cable hidden under a black piece of tape

Step 9 — Motherboard Removal, continued (video).



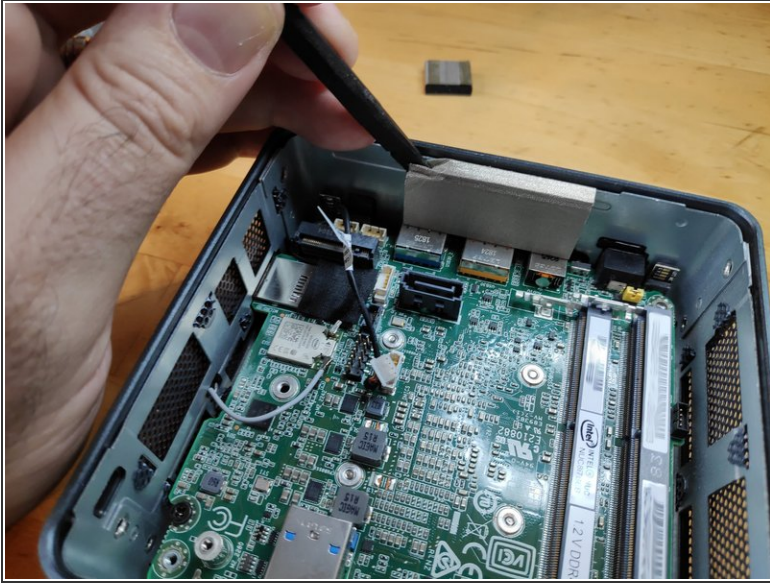
- Disconnect mic cable

Step 10 — Remove protection padding



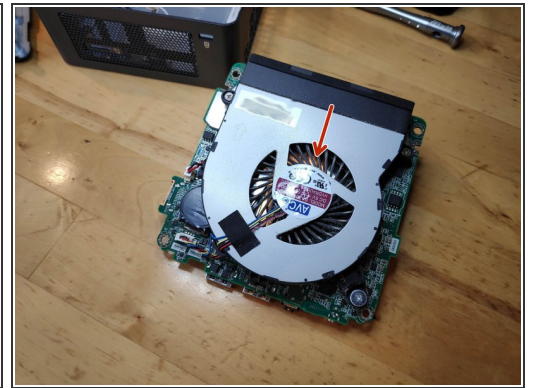
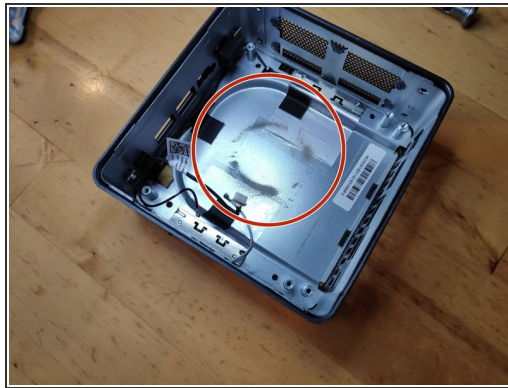
- Remove padders from the sides

Step 11 — Remove protection padding, continued



- Not all are necessary only the two depicted.

Step 12 — Motherboard Removal, final step



- Use a pry tool to lift the motherboard from the casing
- Marked with red circles the dust signs evident on first sight

To reassemble your device, follow these instructions in reverse order.